12.3.25 Announced MK

EPA NPDES Compliance Inspection Report

United States Environmental Protection Agency
Washington, D. C. 20460

Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	2 5 3 WA0030937 11	12 891206 17	18 C	19 S	20 2

Remarks

21

Reserved	Facility Evaluation Rating	BI	QA	Reserved
67 69	70	71	72	73 74 75 80

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time ☐ AM ☑ PM	Permit Effective Date
DUWAMISH SHIPYARD, INC. 5659 West Marginal Way Seattle, WA 98106	1:35 Exit Time/Date 3:40	Aug 29, 1989 Permit Expiration Date Aug 29, 1994

Name(s) of On-Site Representative(s)	Title(s)	Phone No(s)
Dan Meberg	Operation Manager	767-4880

Name, Address of Responsible Official	Title	Contacted
Dan Meberg	Operations Manager Phone No.	☒ Yes ☐ No

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

✓	Permit		Flow Measurement		Pretreatment	✓	Operations & Maintenanc
	Records/Reports		Laboratory	✓	Compliance Schedules		Sludge Disposal
	Facility Site Review		Effluent/Receiving Waters	✓	Self-Monitoring Program		Other:

Section D: Summary of Findings/Comments *(Attach additional sheets if necessary)*

See attachment

USEPA SF
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Name(s) and Signature(s) of Inspector(s)	Agency/Office/Telephone	Date
Richard B. Koch Richard B Koch	Wash Dept of Ecology NWRO - 206-867-7037	Dec. 7, 1989
Signature of Reviewer	**Agency/Office**	**Date**
	WDOE NWRO 867-7033	7 Dec 89

Regulatory Office Use Only

Action Taken	Date	Compliance Status
		☐ Noncompliance ☐ Compliance

EPA Form 3560-3 (Rev. 3-85) Previous editions are obsolete

INSTRUCTIONS

Section A: National Data System Coding *(i.e., PCS)*

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number. *(Use the Remarks columns to record the State permit number, if necessary.)*

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 82/06/30 = June 30, 1982).

Column 18: Inspection Type. Use one of the codes listed below to describe the type of inspection

A — Performance Audit
B — Biomonitoring
C — Compliance Evaluation
D — Diagnostic
E — Corps of Engrs Inspection
L — Enforcement Case Support
P — Pretreatment
R — Reconnaissance Inspection
S — Compliance Sampling
X — Toxic Sampling

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

C — Contractor or Other Inspectors *(Specify in Remarks columns)*
E — Corps of Engineers
J — Joint EPA/State Inspectors—EPA lead
N — NEIC Inspectors
R — EPA Regional Inspector
S — State Inspector
T — Joint State/EPA Inspectors—State lead

Column 20: Facility Type. Use one of the codes below to describe the facility.

1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1972 Standard Industrial Code (SIC) 4952.
2 — Industrial. Other than municipal, agricultural, and Federal facilities.
3 — Agricultural. Facilities classified with 1972 SIC 0111 to 0971.
4 — Federal. Facilities identified as Federal by the EPA Regional Office.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory.

Section C: Areas Evaluated During Inspection

Indicate findings (S, M, U, or N) in the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection. The heading marked "Other" may include activities such as SPCC, BMP's, and multimedia concerns.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

DEPARTMENT OF ECOLOGY
INSPECTION REPORT

TO: Files, John Glynn

INSPECTOR: Richard Koch, Fran Solomon
Debbie Munt, Racheal Friedman Thomas
Lynn Gooding, Scott Morrison

DATE OF VISIT: 12/06/89
NEW INDUSTRY: no

PERMIT NO: WA-003093-7
PERMIT EXPIRES: Aug. 29, 1994

TYPE OF INSPECTION

PERMIT APPLICATION ___ PERMIT RENEWAL ___ PERMIT COMPLIANCE yes
COMPLAINT ___ ENFORCEMENT ___ ANNOUNCED Yes
INSPECTOR TRAINING yes

FACILITY: Duwamish Shipyard, Inc.
ADDRESS: 5658 West Marginal Way S.W.
CITY: Seattle ZIP: 98106 PH. NO. 206-767-4880

PERSON CONTACTED: Don Meberg, Operations Manager
TYPE OF FACILITY: Shipyard
RECEIVING WATER: Duwamish River
TYPE OF TREATMENT SYSTEM: BMPs

OPERATION: Satis Y Fair__ Unsat____; Complies with conditions of NPDES permit

COMMENTS: The inspection began at 1:35 pm. Fishing vessels were on the two drydocks and a barge was in the graving dock. Minor maintenance was being done on the marine railway.

The vessel on the steel drydock was sandblasted yesterday while the tour from "Turning the Tide" went by. Sandblasting grit was escaping from the dock at that time. During the inspection grit was being scraped up into piles. The curtain was not fastened at the bottom corners. Gas bottles for welding were under one corner. The tie down ropes were frayed and broken. This deficiency was relayed to Don Meberg.

The wood drydock was being cleaned also. The vessel had been hydroblasted to remove marine growth from the hull. It may get minor spot blasting around the a couple sacrificial zinc billets.

The barge in the graving dock was being sandblasted. This is a large oil barge which overhung the graving dock gate. grit was on the top of the gate and likely entering the water though a surface scum was not visible. The welding shop was fabricating additional 60 feet tall posts from which curtains around the graving dock will be hung.

Currently, the graving dock dewatering pumps discharge with no treatment of the discharge and even at high tide the water drops about twenty feet. The river bank has experienced significant erosion under cutting wood docks. To provide particulate removal and adsorb energy to minimize erosion the discharge pipes will be cut back. They will discharge into a small basin with baffles. The water will then cascade down to the river in a step wise fashion.

Covered drip pans were in use on the docks. Being covered, they provided shelter from the wind. The workers like them.

Paint and solvent storage lockers are in good shape and have spill containment.

Another deficiency discussed with Don Mebereg is the yard's sandblast area for props, chain, and other miscellaneous steel. This was not a clean area. Sandblasting has been done outdoors to remove rust and scale from metal parts and equipment. No paint particals were seen in the waste grit.

Sandblasting grit containers no longer in use, a year or longer, are stored along the ecology block wall. The containers compromise adequate cleanup along the wall. They will be moved and the ecology block wall raised.

There is a gap in the wall provding access to a walkway to moored vessels. Grit was carrying through this gap to the river bank. Either this walkway needs to be relocated or a curtain erected. Regardless more frequent cleanup is needed.

Waste oil, still bottoms, acid, caustic are stored in a covered concrete containment area. There are four troughs, each six inches deep. Each trough is for a specific waste. The troughs are not labeled; the barrels are. There is room for improvement with barrel labeling and numbering. Hazardous waste emblems are not readily visible or apparent.

Due to personnel problems, attempts to maintain a log book of waste generation and shipment has not become routine.

The inspection finished at 3:40 pm.

This inspection also served as training for new Urban Action Team members and to promote consistent shipyard compliance among the Urban Bays and NWRO and SWRO.

FOLLOW UP: Obtain names of recyclers.
Verification of soil cleanup in former waste storage area.

Richard A. Koch

Richard A. Koch, P.E.
Water Quality Eng.

a:DWSH1289